FLOOD EVENT OF 4/16/1993 - 4/18/1993													
NORTH BRANCH SUSQUEHANNA BASIN													
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Conklin, NY	11.0	4/18/1993	11.02	19,900	Minor	Susquehanna		Broome					
Cortland, NY	8.0	4/17/1993	8.90	5,050	Minor	Susquehanna	Tioughnioga	Cortland					
CHEMUNG BASIN													
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Mansfield, PA	12.0	4/16/1993	16.12	11,500	Major	Chemung	Tioga	Tioga					
MAIN STEM SUSQUEHANNA BASIN													
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Towanda, PA	16.0	4/17/1993	16.43	100,000	Minor	Susquehanna		Bradford					
WEST BRANCH SUSQUEHANNA BASIN													
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Beech Creek Station, PA	11.0	4/16/1993	12.76	6,420	Minor	WB Susquehanna	Bald Eagle Creek	Clinton					
JUNIATA BASIN													
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Huntingdon, PA	12.0	4/17/1993	12.11	21,400	Minor	Juniata		Huntingdon					
Spruce Creek, PA	8.0	4/16/1993	14.08	19,470	Major	Juniata	Little Juniata	Huntingdon					
Williamsburg, PA	12.0	4/16/1993	14.08	9,470	Moderate	Juni	iata	Blair					
LOWER MAIN STEM SUSQUEHANNA BASIN													
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Penns Creek, PA	8.0	4/17/1993	8.06	5,680	Minor	Penns Creek		Union					
			P	OTOMAC	BASIN								
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County					
Cumberland, MD	17.0	4/16/1993	19.05	25,900	Minor	Potomac		Alleghany					
Cumberland, MD	10.0	4/16/1993	11.73	15,400	Minor	Potomac	Wills Creek	Alleghany					
Dawsonville, MD	7.5	4/16/1993	8.15	3,350	Minor	Potomac	Seneca Creek	Montgomery					
Franklin, WV	7.0	4/16/1993	9.71	11,200	Moderate	Potomac		Pendleton					
Frederick, MD	15.0	4/17/1993	15.32	16,300	Minor	Potomac	Monocacy	Frederick					

Little Falls, MD	10.0	4/18/1993	10.55	147,000	Minor	Potomac		Montgomery				
Martinsburg, WV	10.0	4/17/1993	11.79	4,810	Minor	Potomac	Opequon Creek	Berkeley				
Paw Paw, WV	25.0	4/17/1993	30.62	71,300	Moderate	Potomac		Allegany				
Point of Rocks, MD	16.0	4/18/1993	20.17	123,000	Moderate	Potomac		Frederick				
Shepherdstown, WV	15.0	4/18/1993	20.97	90,500	Moderate	Potomac		Jefferson				
Springfield, WV	15.0	4/17/1993	18.26	34,500	Minor	Potomac		Hampshire				
JAMES BASIN												
Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County				
Palmyra, VA	17.0	4/17/1993	17.11	10,500	Minor	James	Rivanna	Fluvanna				
Richmond, VA	12.0	4/17/1993	13.24	50,300	Minor	James		Henrico				

## **Weather Summary**

Ahead of a cold front that crossed Pennsylvania, heavy thunderstorms produced large amounts of rainfall in an already flooding region. Only one to two inches were noted in the local storms but they fell in such a short amount of time that it prompted flooding issues. Flooding predominantly occured in basements of home in low lying areas as well as with overflowing creaks and streams. The cold front also produced severe thunderstorms in Maryland and the Virginia states that had both hail and tornadoes along with heavy rainfall. Overflowing streams and creeks carried around dirt and rocks and dispersed them across farmlands in West Virginia. Anywhere between 2 to 4 inches fell across the Potomac River Basin.

## **Crest Statistics/Flood Information**

Crests occurred 4/16/1993 - 4/18/1993

Second flood of 4 that occurred in April, 1993.

Sixth flood of 11 that occurred in 1993.

Number of Floods at MARFC Forecast Points - 22

Number of Floods Cresting in Minor Range - 15

Number of Floods Cresting in Moderate Range - 5

Number of Floods Cresting in Major Range - 2